

查询CMR2U-01供应商



CMR2U-01
CMR2U-02
CMR2U-04
CMR2U-06

ULTRA FAST RECOVERY RECTIFIER
2.0 AMP, 100 THRU 600 VOLTS



SMB CASE

Central™
Semiconductor Corp.

FEATURES:

- LOW COST
- SPECIAL SELECTIONS AVAILABLE
- HIGH RELIABILITY
- SUPERIOR LOT TO LOT
CONSISTENCY
- GLASS PASSIVATED CHIP
- "C" BEND CONSTRUCTION PROVIDES
STRAIN RELIEF WHEN MOUNTED ON
PC BOARD

DESCRIPTION:

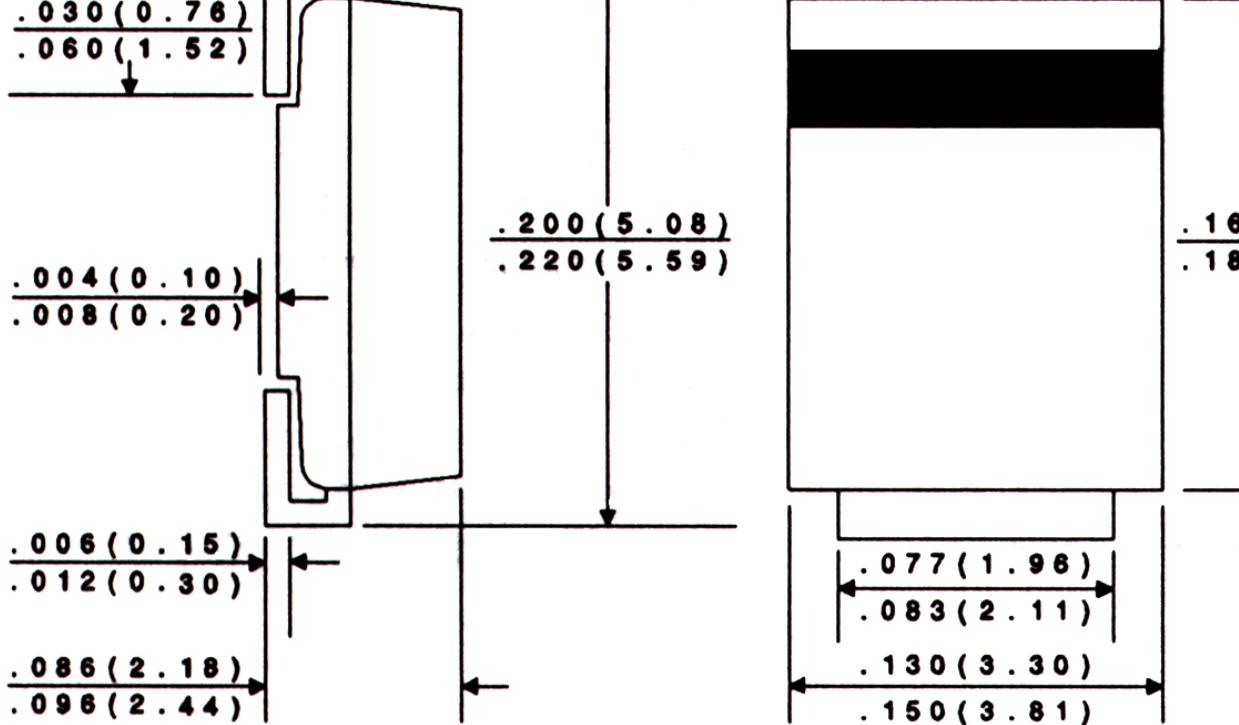
The CENTRAL SEMICONDUCTOR 2.0 Amp Surface Mount Silicon Ultra Fast Recovery Rectifier is a high quality, well constructed, highly reliable component designed for use in all types of commercial, industrial, entertainment, computer, and automotive applications. To order devices on 12mm Tape and Reel (3000/13" Reel), add TR13 suffix to part number.

MAXIMUM RATINGS: (T_A=25°C unless otherwise noted)

	SYMBOL	CMR2U -01	CMR2U -02	CMR2U -04	CMR2U -06	UNITS
Peak Repetitive Reverse Voltage	V _{RRM}	100	200	400	600	V
DC Blocking Voltage	V _R	100	200	400	600	V
RMS Reverse Voltage	V _R (RMS)	70	140	280	420	V
Average Forward Current (T _A =50°C)	I _O			2.0		A
Peak Forward Surge Current (8.3ms)	I _{FSM}			50		A
Operating and Storage						
Junction Temperature	T _J , T _{stg}			-65 to +150		°C
Thermal Resistance	Θ _{JL}			20		°C/W

ELECTRICAL CHARACTERISTICS: (T_A=25°C unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
I _R	V _R =Rated V _{RRM}			10	µA
I _R	V _R =Rated V _{RRM} , T _A =100°C			50	µA
V _F	I _F =2.0A, (CMR2U-01, CMR2U-02)			1.00	V
V _F	I _F =2.0A, (CMR2U-04)			1.25	V
V _F	I _F =2.0A, (CMR2U-06)			1.40	V
t _{rr}	I _F =0.5A, I _R =1.0A, Recover to 0.25A			50	ns
C _J	V _R =4.0V, f=1.0MHz			50	pF



Marking Codes:

DEVICE	MARKING CODE
CMR2U-01	CU201
CMR2U-02	CU202
CMR2U-04	CU204
CMR2U-06	CU206